

For Stock.

Work Order ID 142096

142096

Item ID: D212-580-043

Accept

N900040100

Setup Start

NS1

Revision ID:

Stop

NS2

Item Name: Led Pulse Light

Start Date: 2/24/2016 Start Qty: 3.00

3

Cust Item ID:

Required Date: 3/4/2016 Req'd Qty: 3.00

3

Customer:

Reference:

Approvals: Process Plan: SH Date: 20160227

Tooling:

Date:

Run Start

NR1

QC: Date:

SPC (Y/N):

Date:

Stop

NR2

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

Draw Nbr	Revision Nbr
IIN-D212-580-2	D

MCS

DAS
6
9-89

MCS 16-02-26

100 Document Control
DOCUMENT CONTROL

0.00

100

DC

Memo

0.00

Doc.Control -USB or Paperwork

Photocopy bluefile & type labels per PPPD212-580-043 CHG001

3

DAS
28
9-89

MAR 10 2016

110 Pick Kit

0.00

110

Packaging

Memo

0.00

Packaging

3 FEB 26 2016

DAS
27
9-89

120 QC4- 100% Inspect kits for completeness

0.00

120

QC

Memo

0.00

Quality Control

3

DAS
28
9-89

MAR 10 2016

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐				
Date :	Step #:	QTY Effective :			MRB (QS1042) Approval	
Description Work Order Deviation		Disposition				
					Completed By	
					Lead hand / Supervisor Approval Verification	
					QC / QA Coordinator Approval	
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐				
OTHER : ☐						

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QS1042) Approval 		
Description Work Order Deviation				Disposition					
							Completed By		
							Lead hand / Supervisor Approval Verification		
							QC / QA Coordinator Approval		

Root Cause				FAULT CATEGORY							
Environment	☐	No Re-verification	☐	Pressure/Forced	☐	Temperature/Cure	☐	Power Loss/Surge	☐	Positioned Wrong	☐
Design	☐	Operator	☐	Bending	☐	Set-up	☐	Folio/Program	☐	Outside Dimensions	☐
Doc/Data	☐	Offset/Setup	☐	Centre Not Concentric	☐	BOM/Route	☐	Grain	☐	Over/Under tolerance	☐
Equip/Tooling	☐	Supplier	☐	Cracks	☐	Broken/Damage/Defect	☐	Weld	☐	Part Incorrect	☐
Handling/Pre	☐	Training	☐	Crimp/Kink/Ripple/Wave	☐	Inspection Incomplete/Unqualified	☐	Wrong Stock Pulled	☐	Part Lost/Missing	☐
Material	☐	Use for Testing	☐	Cuffs	☐	Contamination	☐	Out of Sequence	☐	Part Moved	☐
Internal Transport	☐	Poor Information	☐	Crushing	☐	Countersink	☐	Off-set	☐	Drawing	☐
Tribal Knowledge	☐	Rushing	☐	Heat Treat	☐	Cut Too Short	☐	Mislabeled	☐	Finish	☐
LOA	☐	Product Improvement	☐	Wave/Twist in Tube	☐	Instructions Incomplete/Unclear	☐	Fit/Function	☐	Misread	☐
Substation	☐	Process Improvement	☐	Marks/Chatter	☐	Drill Holes	☐	Misaligned/off center	☐	Turning Sequence	☐
Past Expiry Date	☐	Manufacturing Process	☐	OTHER : _____							
Misidentified	☐	Past Due	☐								

Picklist Print

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Page 1

Work Order ID: 142096

142096

Parent Item: D212-580-043

D212-580-043

Parent Item Name: Led Pulse Light

Start Date: 2/24/2016

Required Date: 3/4/2016

Start Qty: 3.00

Required Qty: 3.00

Comments: IPP REV:A NEW ISSUE 10-05-11 JLM VERIFIED BY:DD IPP
rev:B 10.10.12 AS PER ECN10-618 DD VERF:JLM IPP rev:C
10.11.22 AS PER ECN10-642 DD VERF:JLM IPP rev:D 10.12.16
AS PER ECN10-658 DD VERF:EC IPP rev:E 11.03.31 added
D4377-1 DD VERF:EC IPP REV:F 12.02.24 as per DSI9596
rev a DD verf:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	-------------	--------------	---------------	----------------	--------

EWLA1000DBDS0W

Purchased

No

110

Each

13.0000

2

6

FWI A1000DBDS0W

LED Light

**

MLJ 27 16-02-29
9-09

DAS
28
9-09

Location

Loc Qty

Loc Code

ST540

13

m132628

3

m133253

10

D4078-1

Manufactured

No

110

Each

14.0000

2

6

D4078-1

Clamp Half

**

MLJ 27 16-02-29
9-09

DAS
28
9-09

Location

Loc Qty

Loc Code

ST077

14

136641

4

139612

10

D4079-1

Manufactured

No

110

Each

14.0000

2

6

D4079-1

Clamp Half, Attachment

**

MLJ 27 16-02-29
9-09

DAS
28
9-09

Location

Loc Qty

Loc Code

ST078

14

136733

4

139659

10

Picklist Print

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Page 2

Work Order ID: 142096

Parent Item: D212-580-043

Parent Item Name: Led Pulse Light

142096

D212-580-043

Start Date: 2/24/2016

Required Date: 3/4/2016

Start Qty: 3.00

Required Qty: 3.00

D4081-1

Manufactured No

110 Each

20.0000 2 6

D4081-1

Bushing

DAS
28
9-89

Location

Loc Qty

Loc Code

ST078

20

131725

20

MS26574-3

Purchased No

110 Each

8.0000 1 3

MS26574-3

CIRCUIT BREAKER

DAS
28
9-89

Location

Loc Qty

Loc Code

ST281

8

m132109

2

m132660

6

MS22073-3

Purchased No

110 Each

7.0000 1 3

MS22073-3

CIRCUIT BREAKER

DAS
28
9-89

Location

Loc Qty

Loc Code

ST290

7

m132109

1

m132660

6

MS24524-21

Purchased No

110 Each

6.0000 1 3

MS24524-21

SWITCH (ON-OFF-ON)

DAS
28
9-89

Location

Loc Qty

Loc Code

ST290

6

m132660

6

MLJ 28/9-89 16-02-29

MLJ 28/9-89 16-02-29

MLJ 28/9-89 16-02-29

MLJ 28/9-89 16-02-29

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Page 3

Work Order ID: 142096

Parent Item: D212-580-043

Parent Item Name: Led Pulse Light

142096

D212-580-043

Start Date: 2/24/2016

Required Date: 3/4/2016

Start Qty: 3.00

Required Qty: 3.00

1210/2405-2A

Purchased No

110 Each

8.0000

1 3

1210/2405-2A

PULSE LIGHT MODULE

DAS
28
9-89

Location

Loc Qty

Loc Code

ST540

8

m127289

5

m132638

3

**

MLJ 27 16-02-29
9-89

206486-2

Purchased No

110 Each

16.0000

1 3

206486-2

CONNECTOR, SOCKET (J1000)

DAS
28
9-89

Location

Loc Qty

Loc Code

ST577

16

m125901

16

**

MLJ 27 16-02-29
9-89

206485-1

Purchased No

110 Each

10.0000

1 3

206485-1

CONNECTOR, PLUG (J1000)

DAS
28
9-89

Location

Loc Qty

Loc Code

ST577

10

M132108

6

M134243

4

**

MLJ 27 16-02-29
9-89

206458-1

Purchased No

110 Each

16.0000

1 3

206458-1

FEED-THRU-RECEPTACLE (J2/J3)

DAS
28
9-89

Location

Loc Qty

Loc Code

ST576

16

M132108

8

M132568

8

**

MLJ 27 16-02-29
9-89

Picklist Print

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Page 4

Work Order ID: 142096

Parent Item: D212-580-043

Parent Item Name: Led Pulse Light

142096

D212-580-043

Start Date: 2/24/2016

Required Date: 3/4/2016

Start Qty: 3.00

Required Qty: 3.00

206460-1

Purchased

No

110

Each

17.0000

1

3

206460-1

CONNECTOR, PLUG (P2)

**

MLJ 16-02-29

DAS
28
9-89

Location

Loc Qty

Loc Code

ST577

17

M132188

7

M134076

10

3

205838-1

Purchased

No

110

Each

13.0000

1

3

205838-1

CONNECTOR, PLUG (P3)

**

MLJ 16-02-29

DAS
28
9-89

Location

Loc Qty

Loc Code

ST576

13

M131362

3

M132660

10

3

M39029/64-369

Purchased

No

110

Each

101.0000

10

30

M39029/64-369

Connector, Pins (J1000)

**

MLJ 16-02-29

DAS
28
9-89

Location

Loc Qty

Loc Code

ST566

101

m132357

41

m134314

60

30

M39029/63-368

Purchased

No

110

Each

172.0000

30

90

M39029/63-368

CONTACTS, SOCKETS (P1000)

**

MLJ 16-02-29

DAS
28
9-89

Location

Loc Qty

Loc Code

ST566

172

M132108

112

M134257

60

90

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Shop Packet Print

Page 4

Picklist Print

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Work Order ID: 142096

Parent Item: D212-580-043

Parent Item Name: Led Pulse Light

142096

D212-580-043

Start Date: 2/24/2016

Required Date: 3/4/2016

Start Qty: 3.00

Required Qty: 3.00

1-206062-4

Purchased

No

110

Each

29.0000

4

12

1-206062-4

CONNECTOR BACKSHELL

DAS
28
9-89

Location

Loc Qty

Loc Code

st572

29

m132660

17

m134257

12

AN4-17A

Purchased

No

110

Each

224.0000

2

6

AN4-17A

Bolt

DAS
28
9-89

Location

Loc Qty

Loc Code

ST343

224

M133998

224

AN3-7A

Purchased

No

110

Each

217.0000

4

12

AN3-7A

Bolt

Location

Loc Qty

Loc Code

over003

150

M129507

50

m133694

100

ST349

67

m132763

46

m132803

21

DAS
28
9-89

DAS
27
9-89

DAS
27
9-89

DAS
27
9-89

FEB 26 2016

Picklist Print

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Page 6

Work Order ID: 142096

Parent Item: D212-580-043

Parent Item Name: Led Pulse Light

142096

D212-580-043

Start Date: 2/24/2016

Required Date: 3/4/2016

Start Qty: 3.00

Required Qty: 3.00

MS21042L4

Purchased

No

110

Each

2,474.000

2

6

MS21042L 4

Locknut

DAS
6
27
9-89

Location

Loc Qty

Loc Code

FP001

41

m133363

41

GA

456

m133769

456

ST007

1500

m134055

1500

ST303

380

m133769

380

ST305

97

m130922

97

MS21042L3

Purchased

No

110

Each

1,711.000

7

21

MS21042L 3

Nut

DAS
6
27
9-89

Location

Loc Qty

Loc Code

FP001

163

m133790

163

GA

130

m133790

130

ST304

1418

m134039

1418

DAS
28
9-89

FEB 26 2016

Picklist Print

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Work Order ID: 142096

Parent Item: D212-580-043

Parent Item Name: Led Pulse Light

142096

D212-580-043

Start Date: 2/24/2016

Required Date: 3/4/2016

Start Qty: 3.00

Required Qty: 3.00

NAS1149D0463J

Purchased

No

110

Each

4,949.000

4

12

NAS1149D0463.J

WASHER

**

DAS
28
9-89

Location

Loc Qty

Loc Code

GA

237

M129390

41

M132035

196

ST263

3364

M134039

3364

ST269

1348

M130799

360

M132317

100

M132677

888

DAS
27
9-89
DAS
6
9-89

NAS1149D0363J

Purchased

No

110

Each

1,138.000

8

24

NAS1149D0363.J

Washer

**

DAS
28
9-89

Location

Loc Qty

Loc Code

GA

64

m130799

64

ST263

1074

m133932

74

~~m134055~~

1000

DAS
27
9-89
DAS
6
9-89

AN525-832R10

Purchased

No

110

Each

62.0000

4

12

AN525-832R10

SCREW

**

DAS
28
9-89

Location

Loc Qty

Loc Code

ST328

62

m128936

62

DAS
27
9-89
DAS
6
9-89

FEB 26 2016

Picklist Print

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Page 8

Work Order ID: 142096

Parent Item: D212-580-043

Parent Item Name: Led Pulse Light

142096

D212-580-043

Start Date: 2/24/2016

Required Date: 3/4/2016

Start Qty: 3.00

Required Qty: 3.00

MS21042L08

Purchased

No

110

Each

1,498.000

4

12

MS21042I 08

Nut

**

DAS
27
6
9-89

DAS
28
9-89

Location

Loc Qty

Loc Code

CA

101

m129682

101

GA

161

m133134

3

m134063

158

OVER007

500

m134063

500

ST303

736

m133922

736

12

NAS1149DN816J

Purchased

No

110

Each

337.0000

8

24

NAS1149DN816.I

WASHER

**

DAS
27
6
9-89

DAS
28
9-89

Location

Loc Qty

Loc Code

ST270

337

m128057

337

24

MS35206-217

Purchased

No

110

Each

1,018.000

4

12

MS35206-217

SCREW

**

DAS
27
6
9-89

DAS
28
9-89

Location

Loc Qty

Loc Code

ST272

1018

m130050

18

m133799

1000

12

FEB 26 2016
FEB 26 2016

Picklist Print

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Work Order ID: 142096

Parent Item: D212-580-043

Parent Item Name: Led Pulse Light

142096

D212-580-043

Start Date: 2/24/2016

Required Date: 3/4/2016

Start Qty: 3.00

Required Qty: 3.00

MS21042L04

Purchased

No

110

Each

162.0000

4

12

MS21042L 04

NUT

**

DAS
6 27
9-89 9-89

DAS
28
9-89

Location

Loc Qty

Loc Code

CA

54

M129682

54

ST303

100

125653

100

ST305

8

M130388

8

NAS1149DN432J

Purchased

No

110

Each

181.0000

8

NAS1149DN432.J

WASHER

**

24

MIS 7636

DAS
6 27
9-89 9-89

AN960404

DAS
28
9-89

Location

Loc Qty

Loc Code

CA

181

m129682

181

D4377-1

Manufactured

No

110

Each

8.0000

1

3

D4377-1

Placard

**

Location

Loc Qty

Loc Code

ST095

8

134551

8

DAS
28
9-89

DAS
6 27
9-89 9-89

3

FEB 26 2016

Work Order ID 142096

February 24, 2016 2:58:00 PM

For Stock.
142096

Page 1

Item ID: D212-580-043

Accept

N900040100

Setup Start ***NS1***

Revision ID:

Item Name: Led Pulse Light

Stop ***NS2***

Start Date: 2/24/2016 Start Qty: 3.00

3

Cust Item ID:

Required Date: 3/4/2016 Req'd Qty: 3.00

3

Customer:

Reference:

Approvals: Process Plan: SH Date: 20150224

Tooling:

Date:

Run Start ***NR1***

QC: _____ Date: _____

SPC (Y/N):

Date:

Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
IIN-D212-580-2	D		DAS	6					
100	Document Control	0.00							
100	DOCUMENT CONTROL								
DC	Memo	0.00							
Doc.Control -USB or Paperwork	Photocopy bluefile & type labels per PPPD212-580-043 CHG001								
110	Pick Kit	0.00							
110									
Packaging	Memo	0.00							
Packaging									
120	QC4- 100% Inspect kits for completeness	0.00							
120									
QC	Memo	0.00							
Quality Control									

MC5

FEB 26 2016

(3)

FEB 26 2016

DAS
6
9-09

7.0 PARTS LIST

DAS
28
9-89

Qty	Part Number	Description
X	D212-580-043	LED Pulse Light Kit
2	EWLA1000DBDS0W	LED Light
2	D4078-1	Clamp Half
2	D4079-1	Clamp Half, Attachment
2	D4081-1	Bushing
1	MS26574-3	Circuit Breaker
1	MS22073-3	Circuit Breaker
1	MS24524-21	Switch (On-Off-On)
1	1210/2405-2A	Pulse Light Module
1	206486-2	Connector, Socket (J1)
1	206485-1	Connector, Plug (P1)
1	206458-1	Feed-thru, Receptacle (J2/J3)
1	206460-1	Connector, Plug (P2)
1	205838-1	Connector, Plug (P3)
10	M39029/64-369	Contacts, Pins (J1)
30	M39029/63-368	Contacts, Sockets (P1/P2/P3)
4	1-206062-4	Connector Backshell
2	AN4-17A	Bolt
4	AN3-7A	Bolt
2	MS21042L4	Nut
7	MS21042L3	Nut
4	NAS1149D0463J	Washer
8	NAS1149D0363J	Washer
4	AN525-832R10	Screw
4	MS21042L08	Nut
8	NAS1149DN816J	Washer
4	MS35206-217	Screw
4	MS21042L04	Nut
8	NAS1149DN432J	Washer
1	D4377-1	Placard

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Revision: D
Date: 12.06.13